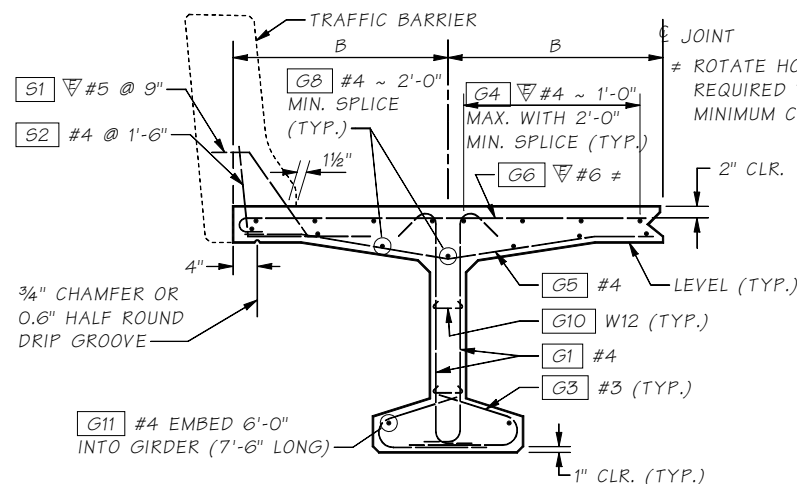
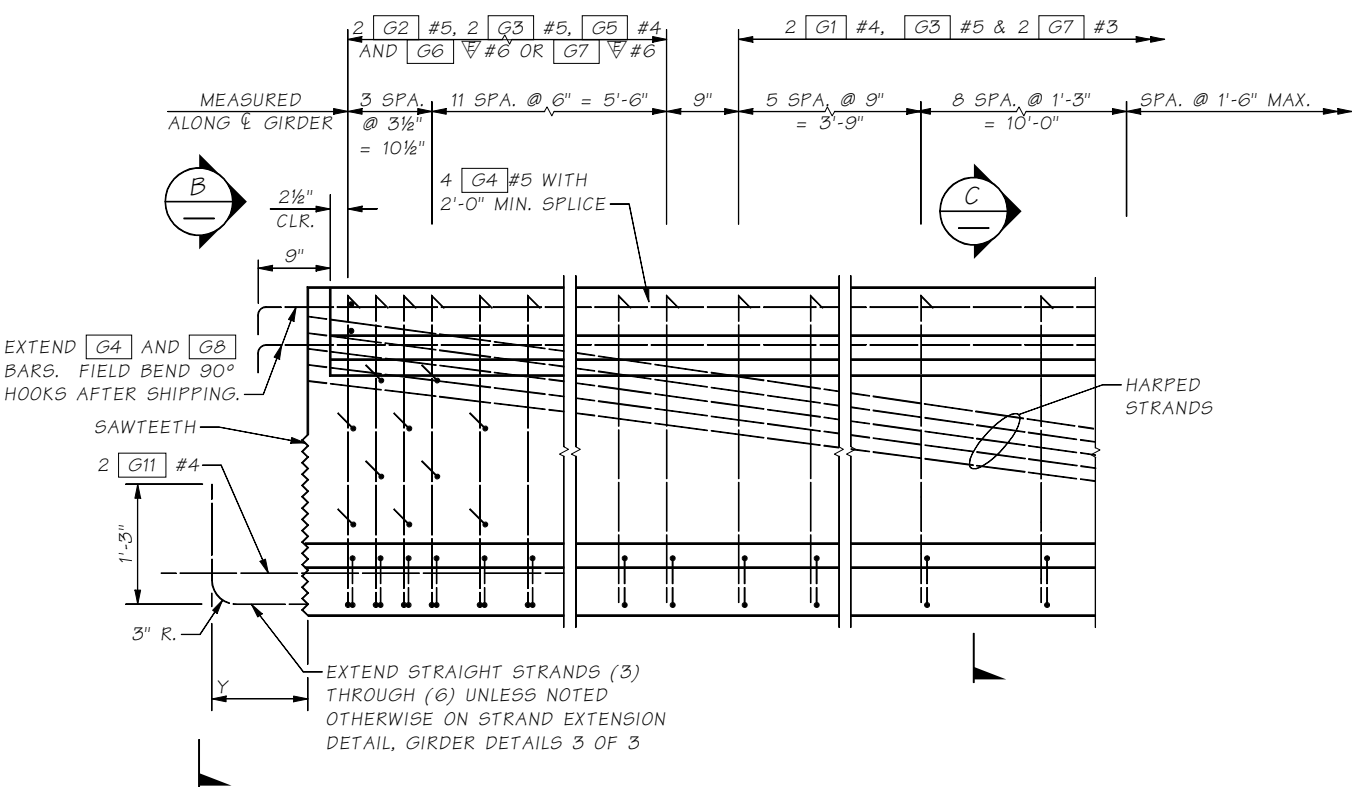


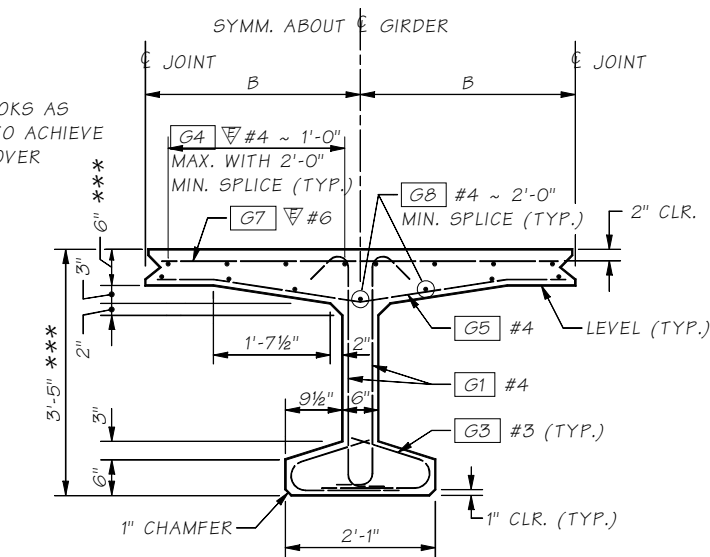
* OMIT HOLES AND PLACE INSERTS ON THE INTERIOR FACE OF EXTERIOR GIRDERS. PLACE HOLES AND INSERTS PARALLEL TO SKEW. INSERTS SHALL BE 1"Ø BURKE HI-TENSILE, LANCASTER MALLEABLE, DAYTON-SUPERIOR F-62 FLARED THIN SLAB (1" x 4 5/8") FERRULE OR APPROVED EQUAL. (TYP.)

NOTES

1. PLAN LENGTH SHALL BE INCREASED AS NECESSARY TO COMPENSATE FOR SHORTENING DUE TO PRESTRESS AND SHRINKAGE.
2. ALL PRETENSIONED STRANDS SHALL BE [1/8"Ø OR 0.6"Ø] LOW RELAXATION STRANDS (AASHTO M203 GRADE 270.)
3. FOR END TYPE A CUT ALL STRANDS FLUSH WITH THE GIRDER ENDS AND PAINT WITH AN APPROVED EPOXY RESIN, EXCEPT FOR EXTENDED STRANDS AS SHOWN. FOR END TYPE B CUT ALL STRANDS 1" BELOW CONCRETE SURFACE AND GROUT WITH AN APPROVED EPOXY GROUT.
4. LIFTING EMBEDMENTS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 6-02.3(25)L OF THE STANDARD SPECIFICATIONS.
5. CAUTION SHALL BE EXERCISED IN HANDLING AND PLACING GIRDERS. ALL GIRDERS SHALL BE CHECKED BY THE CONTRACTOR TO ENSURE THAT THEY ARE BRACED ADEQUATELY TO PREVENT TIPPING AND TO CONTROL LATERAL BENDING DURING SHIPPING. ONCE ERECTED, ALL GIRDERS SHALL BE BRACED Laterally TO PREVENT TIPPING UNTIL THE DIAPHRAGMS ARE CAST AND CURED.
6. FORMS FOR BEARING PAD RECESSES SHALL BE CONSTRUCTED AND FASTENED IN SUCH A MANNER AS TO NOT CAUSE DAMAGE TO THE GIRDER DURING THE STRAND RELEASE OPERATION.



FOR DETAILS NOT SHOWN, SEE INTERIOR GIRDER



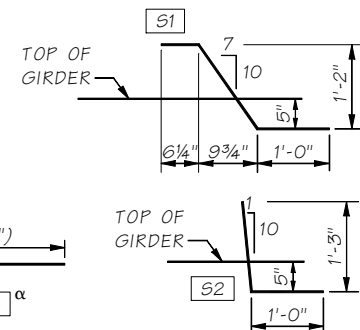
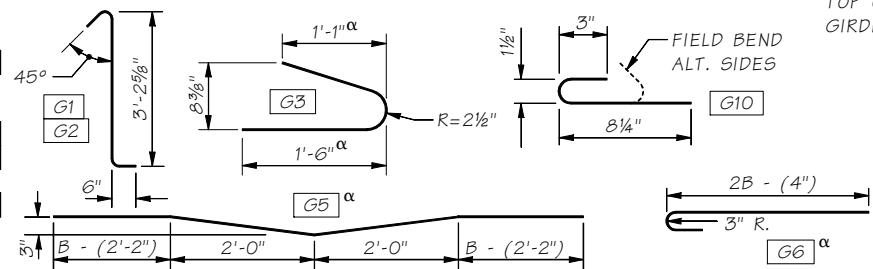
*** THICKEN FLANGE TO COMPENSATE FOR SUPERELEVATION.

MARK	LOCATION	SIZE
G1	GIRDER STIRRUPS	4
G2	GIRDER END STIRRUPS	5
G3	BOTTOM FLANGE	3
G4	TOP OF TOP FLANGE - LONGIT.	4 STR.
G5	BOT. OF TOP FLANGE - TRANSV.	4
G6	TOP TRANSV. - EXT. GIRDER	6
G7	TOP TRANSV. - INT. GIRDER	6 STR.
G8	BOT. OF TOP FLANGE - LONGIT.	4 STR.
G10	GIRDER END TIES	W12
G11	GIRDER END LONGIT.	4 STR.
S1	T.B. TO DECK TIE	5
S2	T.B. TO DECK TIE	4

∇ DENOTES EPOXY COATED

α - VARIES FOR SKEWED ENDS.

δ - #3 OR #4 MAY BE SUBSTITUTED. FIELD BENDING IS OPTIONAL.



Bridge Design Engr.	M:\STANDARDS\Girders\Deck Bulb Tee\W41DG1.man	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By						
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

BRIDGE AND STRUCTURES OFFICE



Washington State Department of Transportation

STANDARD PRESTRESSED CONCRETE GIRDERS

W41DG DECK BULB TEE GIRDER DETAILS 1 OF 2

BRIDGE SHEET NO.
SHEET
OF
SHEETS